

ANIMAL LEARNING & BEHAVIOR

Vincent M. LoLordo, *Editor*
Dalhousie University

Associate Editors

Thomas R. Minor, *University of California, Los Angeles*
William Timberlake, *Indiana University*
Peter J. Urcuioli, *Purdue University*

Volume 22

Publications Committee of the Psychonomic Society

Douglas L. Medin, *Chair, Northwestern University*
Elizabeth Loftus, *University of Washington*
Michael Domjan, *University of Texas at Austin*
Elizabeth Capaldi, *University of Florida*
Roberta L. Klatzky, *Carnegie-Mellon University*
James R. Pomerantz, *Rice University*

Publications Office of the Psychonomic Society

Ellen Woodard, *Director*
John E. Bellquist, *Editorial Coordinator*
Robert P. Sanford, *Printing Manager*
Dreanne M. Grenier, *Typography Coordinator*

Published quarterly in February, May, August, and November by
THE PSYCHONOMIC SOCIETY, Inc.
1710 Fortview Road, Austin, Texas 78704
Publication No. 956180 (ISSN 0090-4996)
Second Class Postage paid at Austin, Texas
Copyright 1994 by THE PSYCHONOMIC SOCIETY, INC.

STAFF IN AUSTIN

Kathryn R. Bork
Calvin Cahan
William M. Cook
Anne M. Dossett
Patricia A. Dossett
Margie L. Freeman
Gayle Harris
Gary L. Harrison
Michael H. Heubner
Diane Maukedick
Charlotte McCulloch
Claudia McNutt
Laura L. Norman
Gerard B. Pringle
Michael F. Slattery, Jr.
Gail Tosto-Geiger
C.E. Wieceless
Amanda Woods

Contents of Volume 22

- Adducci, L. C. See Tran, T. D.
- Aguado, L., Symonds, M., & Hall, G. **Interval between pre-exposure and test determines the magnitude of latent inhibition: Implications for an interference account** 188
- Ayres, J. J. B. See Bevins, R. A.
- Balda, R. P. See Kamil, A. C.
- Balleine, B. See Dickinson, A.
- Barnet, R. C. See:
Fiori, L. M.
Grahame, N. J.
- Batsell, W. R., Jr., & Best, M. R. **The role of US novelty in retention interval effects in single-element taste-aversion learning** 332
- Baxter, B. W. See McKee, S. A.
- Belke, T. W., & Heyman, G. M. **A matching law analysis of the reinforcing efficacy of wheel running in rats** 267
- Belke, T. W. See Spetch, M. L.
- Best, M. R. See Batsell, W. R., Jr.
- Bevins, R. A., & Ayres, J. J. B. **Factors affecting rats' location during conditioned suppression training** 302
- Blough, P. M., & Lacourse, D. M. **Sequential priming in visual search: Contributions of stimulus-driven facilitation and learned expectancies** 275
- Bouton, M. E., & Ricker, S. T. **Renewal of extinguished responding in a second context** 317
- Bower, B. A. See Tran, T. D.
- Brodbeck, D. R. **Memory for spatial and local cues: A comparison of a storing and a nonstoring species** 119
- Cannon, C. B. See McSweeney, F. K.
- Capaldi, E. D., & Hunter, M. J. **Taste and odor in conditioned flavor preference learning** 355
- Capaldi, E. D., Owens, J., & Palmer, K. A. **Effects of food deprivation on learning and expression of flavor preferences conditioned by saccharin or sucrose** 173
- Cheng, K. **The determination of direction in landmark-based spatial search in pigeons: A further test of the vector sum model** 291
- Chew, K. See Cohen, J. S.
- Chiba, A. A. See Kesner, R. P.
- Clayton, N. S., & Krebs, J. R. **One-trial associative memory: Comparison of food-storing and nonstoring species of birds** 366
- Cohen, J. S., Reid, S., & Chew, K. **Effects of varying trial distribution, intra- and extramaze cues, and amount of reward on proactive interference in the radial maze** 134
- Colwill, R. M., & Motzkin, D. K. **Encoding of the unconditioned stimulus in Pavlovian conditioning** 384
- Crystal, J. D., & Shettleworth, S. J. **Spatial list learning in black-capped chickadees** 77
- Csányi, V. See Tópal, J.
- Davis, M. See Falls, W. A.
- DeBartolo, L. D. See Tran, T. D.
- DeCola, J. P. See Fanselow, M. S.
- Delay, E. R. See Tran, T. D.
- DeVito, P. L., & Fowler, H. **Positive and negative transfer of conditioned aversive stimuli to a conditioned appetitive excitator as a function of aversive US intensity** 195
- Dickinson, A., & Balleine, B. **Motivational control of goal-directed action** 1
- Domjan, M. See Köksal, F.
- Dunn, R. See Spetch, M. L.
- Duran, E. See Rodriguez, F.
- Eddy, T. J., & Gallup, G. G., Jr. **Passive socialization to humans: Effects on tonic immobility in chickens (*Gallus gallus*)** 325
- Falls, W. A., & Davis, M. **Fear-potentiated startle using three conditioned stimulus modalities** 379
- Fanselow, M. S., Landeira-Fernandez, J., DeCola, J. P., & Kim, J. J. **The immediate-shock deficit and postshock analgesia: Implications for the relationship between the analgesic CR and UR** 72
- Fiori, L. M., Barnet, R. C., & Miller, R. R. **Renewal of Pavlovian conditioned inhibition** 47
- Fowler, H. See DeVito, P. L.
- Franchina, J. J., Johnson, L. J., & Leynes, P. A. **Roles of visual and taste cues in ingestional neophobia: Response latency effects in chicks (*Gallus domesticus*)** 341
- Frieman, J. See Thiele, T. E.
- Gaffan, E. A. **Primacy in animals' working memory: Artifacts** 231
- Gallup, G. G., Jr. See Eddy, T. J.
- Grahame, N. J., Barnet, R. C., Gunther, L. M., & Miller, R. R. **Latent inhibition as a performance deficit resulting from CS-context associations** 395
- Grant, D. S., & Spetch, M. L. **Mediated transfer testing provides evidence for common coding of duration and line samples in many-to-one matching in pigeons** 84
- Gunther, L. M. See Grahame, N. J.

- Haggbloom, S. J., & Morris, K. M. **Contextual cues and the retrieval of competing memories of goal events** ... 165
- Hall, G. See Aguado, L.
- Heyman, G. M. See Belke, T. W.
- Hinson, R. E. See McKee, S. A.
- Horne, A. J. See Kehoe, E. J.
- Horne, P. S. See Kehoe, E. J.
- Hunter, M. J. See Capaldi, E. D.
- Jackson-Smith, P. See Kesner, R. P.
- Johnson, L. J. See Franchina, J. J.
- Kamil, A. C., Balda, R. P., & Olson, D. J. **The effects of requiring different response strategies following caching in Clark's nutcrackers (*Nucifraga columbiana*)** 373
- Kastak, D., & Schusterman, R. J. **Transfer of visual identity matching-to-sample in two California sea lions (*Zalophus californianus*)** 427
- Kehoe, E. J., Horne, A. J., Horne, P. S., & Macrae, M. **Summation and configuration between and within sensory modalities in classical conditioning of the rabbit** ... 19
- Kesner, R. P., Chiba, A. A., & Jackson-Smith, P. **Rats do show primacy and recency effects in memory for lists of spatial locations: A reply to Gaffan** 214
- Kim, J. J. See Fanselow, M. S.
- Köksal, F., Domjan, M., & Weisman, G. **Blocking of the sexual conditioning of differentially effective conditioned stimulus objects** 103
- Krebs, J. R. See Clayton, N. S.
- Lacourse, D. M. See Blough, P. M.
- Ladeira-Fernandez, J. See Fanselow, M. S.
- Leynes, P. A. See Franchina, J. J.
- Machado, A. **Polymorphic response patterns under frequency-dependent selection** 53
- Macrae, M. See Kehoe, E. J.
- McKee, S. A., Hinson, R. E., & Baxter, B. W. **A context-specific detrimental effect of UCS preexposure on place conditioning with morphine** 282
- McSweeney, F. K., Roll, J. M., & Cannon, C. B. **The generality of within-session patterns of responding: Rate of reinforcement and session length** 252
- Miller, R. R. See:
Fiori, L. M.
Grahame, N. J.
- Mondloch, M. V. See Spetch, M. L.
- Morris, K. M. See Haggbloom, S. J.
- Morrison, S. K. See Thomas, D. R.
- Motzkin, D. K. See Colwill, R. M.
- Nakajima, S. **Contextual control of Pavlovian feature-positive and feature-negative discriminations** 34
- Olson, D. J. See Kamil, A. C.
- Owens, J. See Capaldi, E. D.
- Palmer, K. A. See Capaldi, E. D.
- Ramirez, I. **Flavor preferences conditioned with starch in rats** 181
- Reed, P. **Less than expected variance in studies of serial position effects is not a sufficient reason for caution** 224
- Reid, S. See Cohen, J. S.
- Rescorla, R. A. **Transfer of instrumental control mediated by a devalued outcome** 27
- Rescorla, R. A. See Swartzentruber, D.
- Ricker, S. T. See Bouton, M. E.
- Roberts, W. A. See Wathen, C. N.
- Rodriguez, F., Duran, E., Vargas, J. P., Torres, B., & Salas, C. **Performance of goldfish trained in allocentric and egocentric maze procedures suggests the presence of a cognitive mapping system in fishes** 409
- Roll, J. M. See McSweeney, F. K.
- Saksida, L. M., & Wilkie, D. M. **Time-of-day discrimination by pigeons, *Columba livia*** 143
- Salas, C. See Rodriguez, F.
- Schusterman, R. J. See Kastak, D.
- Shettleworth, S. J. See Crystal, J. D.
- Spetch, M. L., Mondloch, M. V., Belke, T. W., & Dunn, R. **Determinants of pigeons' choice between certain and probabilistic outcomes** 239
- Spetch, M. L. See Grant, D. S.
- Swartzentruber, D., & Rescorla, R. A. **Modulation of trained and extinguished stimuli by facilitators and inhibitors** 309
- Symonds, M. See Aguado, L.
- Thiele, T. E., & Frieman, J. **Taste-potentiated color aversions in pigeons: Examination of CS preexposure and subsequent effects on postconditioning extinction of the taste aversion** 436
- Thomas, D. R., & Morrison, S. K. **Novelty versus retrieval cue value of visual contextual stimuli in pigeons** ... 90
- Topál, J., & Csányi, V. **The effect of eye-like schema on shuttling activity of wild house mice (*Mus musculus domesticus*): Context-dependent threatening aspects of the eye-spot patterns** 96
- Torres, B. See Rodriguez, F.
- Tran, T. D., Adducci, L. C., DeBartolo, L. D., Bower, B. A., & Delay, E. R. **Transfer of visual and haptic maze learning in rats** 421
- Vargas, J. P. See Rodriguez, F.
- Wathen, C. N., & Roberts, W. A. **Multiple-pattern learning by rats on an eight-arm radial maze** 155
- Weisman, G. See Köksal, F.
- Wilkie, D. M. See Saksida, L. M.

Williams, B. A. Blocking despite changes in reinforcer identity	442
Williams, D. A. Slow extinction of conditioned responding following exposure to two bouts of massed shock	203
Wright, A. A. Primacy effects in animal memory and human nonverbal memory	219

ARTICLES IN PRESS

Forthcoming <i>Animal Learning & Behavior</i> articles.....	112
	233
	351
	458

GUIDELINES FOR AUTHORS

Submissions, Formats, Permissions, Tables, Computer Disks, Figures, Proof, Reprints	235
---	-----

NOTICES AND ANNOUNCEMENTS

17th Annual Meeting of the Society for the Quantitative Analysis of Behavior	114
NSF Support for Research and Related Activities	115
35th Annual Meeting of the Psychonomic Society	353
The Compilation of a History of the Psychonomic Society	457